

**EAST Search History****EAST Search History (Prior Art)**

| Ref # | Hits    | Search Query                 | DBs                                      | Default Operator | Plurals | Time Stamp          |
|-------|---------|------------------------------|--|------------------|---------|---------------------|
| S327  | 1531907 | magnet\$2 near "3" bearing   | US-PGPUB;<br>USPAT;<br>USOCR;<br>IBM_TDB | OR               | ON      | 2008/11/04<br>16:14 |
| S328  | 37      | magnet\$ near3 circuit       | US-PGPUB;<br>USPAT;<br>USOCR;<br>IBM_TDB | OR               | ON      | 2008/11/04<br>16:14 |
| S329  | 80256   | electro\$1magnet             | US-PGPUB;<br>USPAT;<br>USOCR;<br>IBM_TDB | OR               | ON      | 2008/11/04<br>16:15 |
| S330  | 12282   | excitation near3 coil        | US-PGPUB;<br>USPAT;<br>USOCR;<br>IBM_TDB | OR               | ON      | 2008/11/04<br>16:15 |
| S331  | 95379   | power near3 amplifier        | US-PGPUB;<br>USPAT;<br>USOCR;<br>IBM_TDB | OR               | ON      | 2008/11/04<br>16:16 |
| S332  | 32451   | electrical near3 resistiv\$3 | US-PGPUB;<br>USPAT;<br>USOCR;<br>IBM_TDB | OR               | ON      | 2008/11/04<br>16:17 |
| S333  | 0       | S327 with S328               | US-PGPUB;<br>USPAT;<br>USOCR;<br>IBM_TDB | OR               | ON      | 2008/11/04<br>16:17 |
| S334  | 17      | S327 and S328                | US-PGPUB;<br>USPAT;<br>USOCR;<br>IBM_TDB | OR               | ON      | 2008/11/04<br>16:18 |
| S335  | 1594    | S329 and S330                | US-PGPUB;<br>USPAT;<br>USOCR;<br>IBM_TDB | OR               | ON      | 2008/11/04<br>16:18 |

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|------|-------|---------------------|--|----|----|---------------------|
| S336 | 653   | S331 and S332       | US-PGPUB;<br>USPAT;<br>USOCR;<br>IBM_TDB | OR | ON | 2008/11/04<br>16:18 |
| S337 | 3     | S335 and S336       | US-PGPUB;<br>USPAT;<br>USOCR;<br>IBM_TDB | OR | ON | 2008/11/04<br>16:18 |
| S338 | 41688 | axial near3 bearing | US-PGPUB;<br>USPAT;<br>USOCR;<br>IBM_TDB | OR | ON | 2008/11/04<br>16:20 |
| S339 | 6111  | S327 and S332       | US-PGPUB;<br>USPAT;<br>USOCR;<br>IBM_TDB | OR | ON | 2008/11/04<br>16:20 |
| S340 | 211   | S339 and S329       | US-PGPUB;<br>USPAT;<br>USOCR;<br>IBM_TDB | OR | ON | 2008/11/04<br>16:21 |
| S341 | 0     | 310/90.5.ccls       | US-PGPUB;<br>USPAT;<br>USOCR;<br>IBM_TDB | OR | ON | 2008/11/04<br>16:26 |
| S342 | 1689  | 310/90.5.ccls.      | US-PGPUB;<br>USPAT;<br>USOCR;<br>IBM_TDB | OR | ON | 2008/11/04<br>16:26 |
| S343 | 0     | 310/40.ccls.        | US-PGPUB;<br>USPAT;<br>USOCR;<br>IBM_TDB | OR | ON | 2008/11/04<br>16:27 |
| S344 | 0     | 310/68.ccls.        | US-PGPUB;<br>USPAT;<br>USOCR;<br>IBM_TDB | OR | ON | 2008/11/04<br>16:27 |
| S345 | 672   | 310/68 d.ccls.      | US-PGPUB;<br>USPAT;<br>USOCR;<br>IBM_TDB | OR | ON | 2008/11/04<br>16:28 |
| S346 | 396   | 310/40 mm.ccls.     | US-PGPUB;<br>USPAT;<br>USOCR;<br>IBM_TDB | OR | ON | 2008/11/04<br>16:28 |

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|------|---------|---|---|----|-----|---------------------|
| S347 | 6217470 | 310/40 mm, "90.5", "68" d, "68" b.ccls.                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>BM_TDB | OR | ON  | 2008/11/04<br>16:29 |
| S348 | 28587   | S347 and S338   | US-PGPUB;<br>USPAT;<br>USOCR;<br>BM_TDB | OR | ON  | 2008/11/04<br>16:30 |
| S349 | 28587   | S347 and (S338 and S327)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>BM_TDB | OR | ON  | 2008/11/04<br>16:30 |
| S350 | 173     | S347 and (S338 and S330)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>BM_TDB | OR | ON  | 2008/11/04<br>16:31 |
| S351 | 29437   | S327 and S329   | US-PGPUB;<br>USPAT;<br>USOCR;<br>BM_TDB | OR | ON  | 2008/11/04<br>16:34 |
| S352 | 802     | S351 and S349   | US-PGPUB;<br>USPAT;<br>USOCR;<br>BM_TDB | OR | ON  | 2008/11/04<br>16:34 |
| S353 | 1532552 | magnet\$2 near "3" bearing                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>BM_TDB | OR | ON  | 2008/11/06<br>06:56 |
| S354 | 12291   | excitation near3 coil   | US-PGPUB;<br>USPAT;<br>USOCR;<br>BM_TDB | OR | ON  | 2008/11/06<br>06:56 |
| S355 | 245     | S353 with S354  | US-PGPUB;<br>USPAT                      | OR | OFF | 2008/11/06<br>06:56 |
| S356 | 1509    | 310/90.5.ccls.  | US-PGPUB;<br>USPAT                      | OR | OFF | 2008/11/06<br>07:08 |
| S357 | 281     | "active magnetic bearing"                                       | US-PGPUB;<br>USPAT                      | OR | OFF | 2008/11/06<br>07:09 |
| S358 | 0       | ("2008/0231128").URPN.  | USPAT                                   | OR | ON  | 2008/11/06<br>07:46 |
| S359 | 5       | ("5522694"   "6114788"   "6359356"   "6365996"   "6717311").PN. | US-PGPUB;<br>USPAT; USOCR               | OR | ON  | 2008/11/06<br>07:51 |

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|------|--------|---|---|----|-----|------------------|
| S360 | 0      | ("1001976,61171918,01098708,01248939,06313425,2002089559,pr.").PN.  | USPAT; USOCR  | OR | OFF | 2008/11/06 08:03 |
| S361 | 0      | ((("1001976,61171918,01098708,01248939,06313425,") or ("2002089559,pr.")).PN.   | USPAT; USOCR  | OR | OFF | 2008/11/06 08:03 |
| S362 | 0      | ((("1001976,61171918,01098708,01248939,06313425,") or ("2002089559,pr.")).PN.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/11/06 08:03 |
| S363 | 9      | ("4088379"   "4634191"   "4642500"   "4686404"   "5053662"   "5142175"   "5209631"   "5319273"   "5572079").PN.   | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2008/11/06 08:10 |
| S364 | 14     | ("4483570"   "5084643"   "5351934"   "5666014"   "5682071"   "5729066"   "5818137"   "5844339"   "5962940"   "6057681"   "6130494"   "6191513"   "6222290"   "6249067").PN. | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2008/11/06 08:57 |
| S365 | 14     | ("4483570"   "5084643"   "5351934"   "5666014"   "5682071"   "5729066"   "5818137"   "5844339"   "5962940"   "6057681"   "6130494"   "6191513"   "6222290"   "6249067").PN. | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2008/11/06 09:22 |
| S366 | 1      | "5844339".pn.   | US-PGPUB;<br>USPAT  | OR | ON  | 2008/11/06 10:02 |
| S367 | 46023  | electro\$1magnet  | US-PGPUB;<br>USPAT  | OR | ON  | 2008/11/06 10:07 |
| S368 | 225296 | (low\$2 near5 resistivity) or (low near5 resistance)  | US-PGPUB;<br>USPAT  | OR | ON  | 2008/11/06 10:08 |
| S369 | 296685 | (high\$2 near5 resistivity) or (high near5 resistance)  | US-PGPUB;<br>USPAT  | OR | ON  | 2008/11/06 10:08 |
| S370 | 31711  | (low\$2 near5 permeability)   | US-PGPUB;<br>USPAT  | OR | ON  | 2008/11/06 10:09 |
| S371 | 1456   | S367 and S368 and S369  | US-PGPUB;<br>USPAT  | OR | ON  | 2008/11/06 10:09 |
| S372 | 31     | S367 with S368 and S369   | US-PGPUB;<br>USPAT  | OR | ON  | 2008/11/06 10:09 |
| S373 | 0      | ("2007/0195479").URPN.  | USPAT   | OR | ON  | 2008/11/06 10:25 |
| S374 | 80284  | electro\$1magnet  | US-PGPUB;<br>USPAT;<br>USOCR;<br>IBM_TDB                                | OR | OFF | 2008/11/06 10:26 |
| S375 | 225296 | (low\$2 near5 resistivity) or (low near5 resistance)  | US-PGPUB;<br>USPAT  | OR | ON  | 2008/11/06 10:27 |
| S376 | 222425 | (low\$2 near5 resistivity) or (low near5 resistance)  | US-PGPUB;<br>USPAT  | OR | OFF | 2008/11/06 10:27 |

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|------|--------|--|--|----|-----|---------------------|
| S377 | 264229 | (low\$2 near5 resistivity) or (low near5 resistance)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>IBM_TDB | OR | OFF | 2008/11/06<br>10:27 |
| S378 | 355664 | (high\$2 near5 resistivity) or (high near5 resistance)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>IBM_TDB | OR | OFF | 2008/11/06<br>10:28 |
| S379 | 1421   | S374 and S376 and S378   | US-PGPUB;<br>USPAT;<br>USOCR;<br>IBM_TDB | OR | OFF | 2008/11/06<br>10:29 |
| S380 | 4755   | S374 and S378 and S378   | US-PGPUB;<br>USPAT;<br>USOCR;<br>IBM_TDB | OR | OFF | 2008/11/06<br>10:29 |
| S381 | 240    | S374 with S378 and S378  | US-PGPUB;<br>USPAT;<br>USOCR;<br>IBM_TDB | OR | OFF | 2008/11/06<br>10:30 |
| S382 | 35071  | (low\$2 near5 permeability)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>IBM_TDB | OR | OFF | 2008/11/06<br>10:35 |
| S383 | 13     | S374 with S378 and S382  | US-PGPUB;<br>USPAT;<br>USOCR;<br>IBM_TDB | OR | OFF | 2008/11/06<br>10:36 |
| S384 | 213    | S374 and S378 and S382   | US-PGPUB;<br>USPAT;<br>USOCR;<br>IBM_TDB | OR | OFF | 2008/11/06<br>10:36 |
| S385 | 21     | S374 same (S378 and S382)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>IBM_TDB | OR | OFF | 2008/11/06<br>10:39 |
| S386 | 62797  | (low\$2 near5 permeability) or (high\$2 near5 permeability)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>IBM_TDB | OR | OFF | 2008/11/06<br>10:41 |
| S387 | 488242 | (low\$2 near5 resistivity) or (low near5 resistance) or (high\$2 near5 resistivity) or (high near5 resistance) | US-PGPUB;<br>USPAT;<br>USOCR;<br>IBM_TDB | OR | OFF | 2008/11/06<br>10:43 |

|      |       |   |  |    |     |                     |
|------|-------|---|--|----|-----|---------------------|
| S388 | 41    | S374 same (S386 same S387)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>IBM_TDB | OR | OFF | 2008/11/06<br>10:44 |
| S389 | 14955 | (lower near5 permeability) or (higher near5 permeability)                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>IBM_TDB | OR | OFF | 2008/11/06<br>10:48 |
| S390 | 24800 | (lower near5 resistivity) or (higher near5 resistivity)                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>IBM_TDB | OR | OFF | 2008/11/06<br>10:50 |
| S391 | 2     | S374 same (S389 same S390)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>IBM_TDB | OR | OFF | 2008/11/06<br>10:51 |
| S392 | 2     | S374 same (S389 and S390)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>IBM_TDB | OR | OFF | 2008/11/06<br>10:55 |
| S393 | 1     | S374 with (S389 and S390)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>IBM_TDB | OR | OFF | 2008/11/06<br>10:55 |
| S394 | 16    | S374 and (S389 and S390)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>IBM_TDB | OR | OFF | 2008/11/06<br>10:55 |
| S395 | 534   | (skin near2 depth) with resistivity   | US-PGPUB;<br>USPAT                       | OR | OFF | 2009/10/09<br>13:43 |
| S396 | 78448 | "310"/\$.cols.  | US-PGPUB;<br>USPAT                       | OR | OFF | 2009/10/09<br>13:43 |
| S397 | 6     | S395 and S396   | US-PGPUB;<br>USPAT                       | OR | OFF | 2009/10/09<br>13:44 |
| S398 | 976   | (skin near2 depth) with (resistivity or resistance)                                 | US-PGPUB;<br>USPAT                       | OR | ON  | 2009/10/09<br>13:49 |
| S399 | 6     | S396 and S397   | US-PGPUB;<br>USPAT                       | OR | ON  | 2009/10/09<br>13:49 |
| S400 | 11    | S396 and S398   | US-PGPUB;<br>USPAT                       | OR | ON  | 2009/10/09<br>13:50 |
| S401 | 536   | (skin near2 depth) with (resistivity or resistance) with (frequency or frequencies) | US-PGPUB;<br>USPAT                       | OR | ON  | 2009/10/09<br>13:52 |

|      |      |  |                        |    |     |                  |
|------|------|--|------------------------|----|-----|------------------|
| S402 | 193  | ((skin near2 depth) with (resistivity or resistance) with (frequency or frequencies)) and motor  | US-PGPUB; USPAT        | OR | ON  | 2009/10/09 13:52 |
| S403 | 9015 | ((resistivity or resistance) with (frequency or frequencies)) and motor  | US-PGPUB; USPAT        | OR | ON  | 2009/10/09 13:54 |
| S404 | 426  | S396 and S403  | US-PGPUB; USPAT        | OR | ON  | 2009/10/09 13:54 |
| S405 | 1    | "10593611"   | US-PGPUB; USPAT        | OR | ON  | 2009/10/09 14:00 |
| S406 | 11   | "5844339"  | US-PGPUB; USPAT        | OR | OFF | 2009/10/09 14:12 |
| S407 | 0    | 310/216.ccls.  | US-PGPUB; USPAT        | OR | OFF | 2009/10/09 14:46 |
| S408 | 147  | 310/216.016.ccls.  | US-PGPUB; USPAT        | OR | OFF | 2009/10/09 14:47 |
| S409 | 73   | 310/216.017.ccls.  | US-PGPUB; USPAT        | OR | OFF | 2009/10/09 14:47 |
| S410 | 24   | 310/216.018.ccls.  | US-PGPUB; USPAT        | OR | OFF | 2009/10/09 14:47 |
| S411 | 1577 | 310/90.5.ccls.   | US-PGPUB; USPAT        | OR | ON  | 2009/10/09 15:16 |
| S412 | 16   | ("20050093391"   "20070063594"   "4358697"   "5514924"   "5942829"   "6130494"   "6148967"   "6304015"   "6465924"   "6664680"   "6700258"   "6727617"   "6794780"   "6856062"   "6897587"   "7042118").PN. OR ("7557480").URPN.   | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/10/09 15:44 |
| S413 | 42   | ("3890019"   "3944865"   "3976339"   "4110648"   "4180296"   "4185216"   "4208600"   "4241271"   "4271369"   "4276507"   "4399381"   "4581555"   "4602179"   "4710656"   "4710666"   "4858304"   "5010563"   "5027280"   "5032748"   "5216308"   "5278470"   "5349256"   "5385007"   "5451825"   "5481149"   "5514924"   "5517072"   "5530309"   "5572079"   "5587618"   "5729066"   "5731645"   "5739606"   "5767597"   "5804899"   "5821659"   "5834867"   "6245440"   "6489700"   "6628033").PN. OR ("6856062").URPN.   | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/10/09 15:44 |
| S414 | 48   | ("3304450"   "3493800"   "4075519"   "4077678"   "4136296"   "4159434"   "4211452"   "4366405"   "4385251"   "4444444"   "4460834"   "4611139"   "4620752"   "4647806"   "4654551"   "4827152"   "5065060"   "5065484"   "5097169"   "5130593"   "5210452"   "5315197"   "5434463").PN. OR ("5731645").URPN.   | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/10/09 15:45 |
| S415 | 87   | ("3890019"   "3976339"   "4037886"   "4072370"   "4077678"   "4080012"   "4128280"   "4180296"   "4405286"   "4483570"   "4563046"   "4583031"   "4583794"   "4597613"   "4620752"   "4626764"   "4634191"   "4652780"   "4806835"   "4811906"   "4812694"   "4812757"   "4839550"   "4841184"   "4866318"   "4866380"   "4872357"   "4879500"   "4885491"   "4889039"   "4891832"   "4895023"   "4900962"   "4908558"   "4910449"   "4912387"   "4918345"   "4920290"   "4928561"   "4929158"   "4942321"   "4946345"   "4947067"   "4956571"   "4964147"   "4969803"   "4976177"   "4982126"   "4983869"   "4988906"   "5005297"   "5010563"   "5012359"   "5021697"   "5027280"   "5072146"   "5250865").PN. OR ("5514924").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/10/09 16:00 |

|      |    |  |                           |    |     |                     |
|------|----|--|---------------------------|----|-----|---------------------|
| S416 | 11 | "5844339"  | US-PGPUB;<br>USPAT        | OR | ON  | 2009/10/09<br>16:07 |
| S417 | 2  | "2557629"  | US-PGPUB;<br>USPAT        | OR | ON  | 2009/10/09<br>16:08 |
| S418 | 14 | "3557629"  | US-PGPUB;<br>USPAT        | OR | ON  | 2009/10/09<br>16:08 |
| S419 | 11 | "5844339"  | US-PGPUB;<br>USPAT        | OR | ON  | 2009/10/09<br>16:32 |
| S420 | 14 | ("3508444"   "4551708"   "4577159"   "5093754"   "5397183"   "5469006"   "5469007"   "5471106").PN. OR ("5844339").URPN.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/10/09<br>16:32 |
| S421 | 87 | ("3890019"   "3976339"   "4037886"   "4072370"   "4077678"   "4080012"   "4128280"   "4180296"   "4405286"   "4483570"   "4563046"   "4583031"   "4583794"   "4597613"   "4620752"   "4626764"   "4634191"   "4652780"   "4806835"   "4811906"   "4812694"   "4812757"   "4839550"   "4841184"   "4866318"   "4866380"   "4872357"   "4879500"   "4885491"   "4889039"   "4891832"   "4895023"   "4900962"   "4908558"   "4910449"   "4912387"   "4918345"   "4920290"   "4928561"   "4929158"   "4942321"   "4946345"   "4947067"   "4956571"   "4964147"   "4969803"   "4976177"   "4982126"   "4983869"   "4988906"   "5005297"   "5010563"   "5012359"   "5021697"   "5027280"   "5072146"   "5250865").PN. OR ("5514924").URPN. | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/10/13<br>10:47 |

10/23/2009 2:30:14 PM

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